



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## INDEX TO AMERICAN BOTANICAL LITERATURE

(1910)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

This Index is reprinted monthly on cards, and furnished in this form to subscribers, at the rate of one cent for each card. Selections of cards are not permitted; each subscriber must take all cards published during the term of his subscription. Correspondence relating to the card-issue should be addressed to the Treasurer of the Torrey Botanical Club.

**Andrews, A. L.** Dr. Röhl's proposals for the nomenclature of *Sphagnum*.  
Bryologist 13: 4-6. 3 Ja 1910.

**Bailey, I. W.** Microtechnique for woody structures. Bot. Gaz. 49:  
57, 58. 22 Ja 1910.

**Bailey, W. W.** The November woods. Am. Bot. 15: 103, 104.  
[Ja 1910.]

**Banker, H. J.** A correction in nomenclature. Mycologia 2: 7-11.  
1 Ja 1910.

**Barrett, M. F.** Three common species of *Auricularia*. Mycologia  
2: 12-18. 1 Ja 1910.

**Benedict, R. C.** A peculiar habitat for *Camptosorus*. Torrey 10:  
13-15. 29 Ja 1910. [Illust.].

**Berry, E. W.** A new Cretaceous *Bauhinia* from Alabama. Am. Jour.  
Sci. IV. 29: 256-258. f. 1. Mr 1910.

**Berry, E. W.** A new species of *Dewalquea* from the American Cretaceous. Torrey 10: 34-38. f. 1. 28 F 1910.

**Berry, E. W.** Contributions to the Mesozoic flora of the Atlantic coastal plain—IV. Maryland. Bull. Torrey Club 37: 19-29. pl. 8. 10 F 1910.

Includes 5 new species, one each in *Moriconia*, *Quercus*, *Elaeodendron*, *Aralia*, and *Hedera*.

- Blumer, J. C.** An animal factor in plant distribution. *Plant World* 13: 16-18. Ja 1910.
- Brainerd, E.** The evolution of new forms in *Viola* through hybridism. *Am. Nat.* 44: 229-236. Ap 1910.
- Britton, E. G.** Coe Finch Austin, 1831-1880. *Bryologist* 13: 1-4. *Portrait.* 3 Ja 1910.
- Broadhurst, J.** The weeping willow in winter. *Torreyia* 10: 38, 39. 28 F 1910.
- Burlingham, G. S.** *Lactariaeae*. *N. Am. Fl.* 9: 172-200. 3 F 1910.
- Burlingham, G. S.** The *Lactariae* of North America — Fascicles I and II. *Mycologia* 2: 27-36. 1 Ja 1910.
- Bushwell, W. M.** Some wild fruits of Alberta, Canada. *Am. Bot.* 15: 99-101. [Ja 1910.]
- Chabaud, B.** Un nouveau palmier: *Sabal uresana*. *Rev. Hort.* 82: 58-60. f. 18. 1 F 1910.
- Chrysler, M. A.** The nature of the fertile spike in the *Ophioglossaceae*. *Ann. Bot.* 24: 1-18. pl. 1, 2 + f. 1-16. Ja 1910.
- Clute, W. N.** The fronds of *Lycopodium*. *Fern Bull.* 18: 7-9. Ja 1910.  
*Lygodium* is the genus discussed.
- Cockerell, T. D. A.** The Miocene trees of the Rocky Mountains. *Am. Nat.* 44: 31-47. f. 1-10. Ja 1910.
- Collins, F. S.** A variety of *Solanum* new to America. *Rhodora* 12: 40. 9 F 1910.
- Collins, F. S.** Flora of lower Cape Cod; supplementary note. *Rhodora* 12: 8-10. 30 Ja 1910.
- Collins, J. F.** *Sclerolepis uniflora* in Rhode Island. *Rhodora* 12: 13. 30 Ja 1910.
- Cowles, H. C.** Charles Reid Barnes. *Science* II. 31: 532, 533. 8 Ap 1910.
- Davis, B. M.** Genetical studies on *Oenothera*—I. Notes on the behavior of certain hybrids of *Oenothera* in the first generation. *Am. Nat.* 44: 108-115. F 1910.
- Deane, W.** *Zannichellia palustris*, an additional record. *Rhodora* 12: 12. 30 Ja 1910.
- De Fraine, E.** The seedling structure of certain *Cactaceae*. *Ann. Bot.* 24: 125-175. f. 1-19 + 18 diagrams. Ja 1910.
- Detmers, F.** Medicinal plants of Ohio. *Ohio Nat.* 10: 55-60. Ja 1910; 73-85. F 1910.

- East, E. M.** A Mendelian interpretation of variation that is apparently continuous. *Am. Nat.* **44**: 65-82. F 1910.
- Farlow, W. G.** A consideration of the "Species Plantarum" of Linnaeus as a basis for the starting point of the nomenclature of the cryptogams. 1-10. 1910.
- Fernald, M. L.** Note on *Boehmeria cylindrica* var. *Drummondiana*. *Rhodora* **12**: 10, 11. 30 Ja 1910.
- Fernald M. L.** Notes on the plants of Wineland the Good. *Rhodora* **12**: 17-38. 9 F 1910.
- Gates, F. C.** The validity of *Helianthus illinoensis* Gleason as a species. *Bull. Torrey Club* **37**: 79-84. 5 Mr 1910.
- Gerry, E.** The distribution of the "Bars of Sanio" in the *Coniferales*. *Ann. Bot.* **24**: 119-123. *pl.* 13. Ja 1910.
- [**Gibson, H. H.**] American forest trees — 80. Post oak. *Quercus minor* (Marsh.) Sargent. *Hardwood Record* **29**<sup>7</sup>: 23, 24. 25 Ja 1910. [Illust.]
- [**Gibson, H. H.**] American forest trees — 81. Basket or cow oak. *Quercus Michauxii* Nutt. *Hardwood Record* **29**<sup>8</sup>: 23. 10 F 1910. [Illust.]
- [**Gibson, H. H.**] American forest trees — 82. Scarlet oak. *Quercus coccinea* Moench. *Hardwood Record* **29**<sup>9</sup>: 23. 25 F 1910. [Illust.]
- Greene, E. L.** An oriental *Convallaria*. Leaflets **2**: 36, 37. 19 F 1910.
- Greene, E. L.** Miscellaneous specific types — I. Leaflets **2**: 45-48. 19 F 1910.  
Includes new species of *Claytonia*, *Sanicula*, *Toxicodendron*, *Pyrrocoma* and *Arnica* (3).
- Greene, E. L.** New Californian *Asteraceae*. Leaflets **2**: 25-32. 19 F 1910.  
New species in *Corethrogyne* (7) and *Lessingia* (12).
- Greene, E. L.** Nomenclature of the bayberries. Leaflets **2**: 37-40. 19 F 1910.
- Greene, E. L.** Reconsideration of the genus *Marah*. Leaflets **2**: 35, 36. 19 F 1910.
- Greene, E. L.** Some western caulescent violets. Leaflets **2**: 32-34. 19 F 1910.  
Includes six new species.
- Greene, E. L.** The genus *Downingia*. Leaflets **2**: 43-45. 19 F 1910.

- Greene, E. L.** Three new *Astragali*. Leaflets 2: 42, 43. 19 F 1910.
- Greene, E. L.** Two new southern violets. Leaflets 2: 41, 42. 19 F 1910.
- Greene, E. L.** Three new Eriogonums. Muhlenbergia 6: 1-3. 31 Ja 1910.
- Greenwood, H. E.** Preliminary list of hepatics collected in Worcester, Massachusetts. Bryologist 13: 7-9. 3 Ja 1910.
- Griggs, R. F.** *Monochytrium*, a new genus of the *Chytridiales*, its life history and cytology. Ohio Nat. 10: 44-54. *pl.* 3, 4. Ja 1910.  
*Monochytrium Stevensianum* gen. et sp. nov.
- Groh, H.** *Bartonia virginica* in Quebec. Ottawa Nat. 23: 211. 15 F 1910.
- Gruenberg, B. C.** Note on Peklo's work with mycorrhiza. Plant World 13: 18, 19. Ja 1910.
- Hambleton, J. C.** A list of the lichens of Ohio. Ohio Nat. 10: 41-43. Ja 1910.
- Harris, J. A.** A bimodal variation polygon in *Syndesmon thalictroides* and its morphological significance. Am. Nat. 44: 19-30. Ja 1910. [Illust.]
- Harshberger, J. W.** The vegetation of the Navesink Highlands. Torrey 10: 1-10. *f.* 1-3. 29 Ja 1910.
- Harshberger, J. W.** Vivipary in *Tillandsia tenuifolia* L. Bot. Gaz. 49: 59. *f.* 1. 22 Ja 1910.
- Haynes, C. C.** Obituary—L'Abbé Charles Lacouture. Bryologist 13: 10. 3 Ja 1910.
- Heller, A. A.** Feather grass. Muhlenbergia 5: 162, 163. 3 Ja 1910. [Illust.]  
*Stipa Thurberiana*.
- Heller, A. A.** New combinations—II. Muhlenbergia 6: 12. 31 Ja 1910.
- Heller, A. A.** The first spring flower. Muhlenbergia 6: 5-11. 31 Ja 1910. [Illust.]  
*Ranunculus glaberrimus*.
- Hiern, W. P.** The name *Alectorolophus*. Jour. Bot. 48: 53-55. 1 F 1910.
- Hirsh, P. E.** The development of air chambers in the *Ricciaceae*. Bull. Torrey Club 37: 73-77. *f.* 1-6. 5 Mr 1910.
- Hollick, A.** The fossil flora of New York and vicinity. Jour. N. Y. Bot. Gard. 11: 15-19. *f.* 6. Ja 1910.

- Holway, E. W. D.** Notes on *Uredineae* — V. *Mycologia* 2: 23, 24. 1 Ja 1910.
- House, H. D.** The vegetation on Lookingglass Mountain. *Torreyana* 10: 29-34. *f.* 1-3. 28 F 1910.
- Howe, C. D.** The reforestation of sand plains in Vermont. A study in succession. *Bot. Gaz.* 49: 126-148. *f.* 1-15 + *map.* 16 F 1910.
- Howe, R. H.** A manual of the genus *Usnea*, as represented in North and Middle America, north of the 15th parallel. *Bull. Torrey Club* 37: 1-18. *pl.* 1-7. 10 F 1910.
- Howe, R. H.** *Ramalina Montagnaei* De Not., on Long Island. *Rhodora* 12: 7. 30 Ja 1910.
- Howe, R. H.** Lichens of Mount Ascutney, Vermont. *Bryologist* 13: 10-13. 3 Ja 1910.
- Hoyt, W. D.** Alternation of generations and sexuality in *Dictyota dichotoma*. *Bot. Gaz.* 49: 55-57. 22 Ja 1910.
- Kindberg, N. C.** Bryological notes. *Rev. Bryol.* 37: 13-15. Ja 1910.  
Includes 5 new species of mosses from the United States.
- Kirk, G. L.** Two Vermont grasses rediscovered. *Rhodora* 12: 40. 9 F 1910.
- Knowlton, C. H., & others.** Reports on the flora of the Boston district, — VI. *Rhodora* 12: 3-7. 30 Ja 1910.
- Knowlton, F. H.** Descriptions of fossil plants from the Mesozoic and Cenozoic of North America. I. *Smithson. Misc. Coll.* 52: 489-496. *pl.* 63, 64. 11 Ja 1910.
- Kränzlin, F.** *Maxillaria Johniana* [in New or noteworthy plants]. *Gard. Chron.* III. 47: 66. 29 Ja 1910.  
Native in the Peruvian Andes.
- Lipman, C. B.** On the lack of antagonism between calcium versus magnesium and also between calcium versus sodium. *Bot. Gaz.* 49: 41-50. *f.* 1-2. 22 Ja 1910.
- Lister, G.** Two new Mycetozoa. *Jour. Bot.* 48: 73. 1 Mr 1910.  
*Physarum alpinum* Lister from California and *P. carneum* Lister & Sturgis from Colorado.
- Lloyd, F. E.** The guayule rubber situation. *India Rubber World* 41: 115-118. 1 Ja 1910. [Illust.]
- Luetzelburg, P. von.** Beiträge zur Kenntnis der Utricularien. *Flora* 100: 145-212. *f.* 1-48. 8 Ja 1910.  
Includes 2 new Trinidad species.

- Macoun, J. M.** Contributions from the herbarium of the Geological Survey. *Ottawa Nat.* **23**: 192-194. 27 Ja 1910.
- Macoun, W. T.** Some of the best native plants for cultivation. *Ottawa Nat.* **23**: 173-179. 27 Ja 1910.
- Massee, G.** Fungi exotici: X. *Kew Bull. Misc. Inf.* **1910**: 1-6. F 1910. [Illust.]  
Includes 7 new species, one each in *Xylaria*, *Ophiobolus*, *Scleroderris*, *Hendersonia*, *Gloeosporium*, *Septocylindrium*, and *Hartiella*.
- Murrill, W. A.** *Agaricaceae*. *N. Am. Fl.* **9**: 163. 3 F 1910.
- Murrill, W. A.** A new phalloid genus. *Mycologia* **2**: 25, 26. 1 Ja 1910.  
*Protophallus jamaicensis* gen. et sp. nov.
- Murrill, W. A.** *Boletaceae*. *N. Am. Fl.* **9**: 133-161. 3 F 1910.  
Includes 7 new species in *Gyroporus*, *Ceratomyces* (5), and *Suilletius*.
- Murrill, W. A.** *Chantereleae*. *N. Am. Fl.* **9**: 163-172. 3 F 1910.  
Includes *Polyozellus* and *Phicaturella*, new genera.
- Murrill, W. A.** Illustrations of fungi —V. *Mycologia* **2**: 1-6. *pl.* 17. 1 Ja 1910.  
*Leotia lubrica*, *L. stipitata*, *L. chlorocephala*, *Dictyophora Ravenelii*, *D. duplicata*, *Mutinus elegans*, *Scleroderma aurantium*, *S. verrucosum*, and *S. Geaster*.
- Nieuwland, J. A.** Notes on priority of plant names. *Am. Midland Nat.* **1**: 161-164. F 1910.
- Nieuwland, J. A.** Priority of *Merulius*. *Am. Midland Nat.* **1**: 164. F 1910.
- Parish, S. B.** A Wisconsin riddle. *Torreyia* **10**: 39. 28 F 1910.
- Plaut, M.** Untersuchungen zur Kenntnis der physiologischen Scheiden bei den Gymnospermen, Equiseten und Bryophyten. *Jahrb. Wiss. Bot.* **47**: 121-185. *pl.* 4-6. 1910.
- Quehl, L.** *Mamillaria Carretii* Rebut. *Monats. Kakteenk.* **20**: 6, 9, 10. 15 Ja 1910.
- Quehl, L.** Eine *Mamillaria* aus der Gruppe der *M. mutabilis*. *Monats. Kakteenk.* **20**: 11. 15 Ja 1910.
- Reed, H. S.** An interesting *Marasmius* fairy ring. *Plant World* **13**: 12-14. *f.* 6. Ja 1910.
- Reed, H. S.** The effect of certain chemical agents upon the transpiration and growth of wheat seedlings. *Bot. Gaz.* **49**: 81-109. *f.* 1-9. 16 F 1910.
- Rehder, A.** Note on the forms of *Kalmia latifolia*. *Rhodora* **12**: 1-3. 30 Ja 1910.

- Ricker, P. L.** A new color guide. *Mycologia* 2: 37, 38. 1 Ja 1910.
- Rose, J. N., & Purpus, C. A.** Three new species of *Echeveria* from southern Mexico. *Contr. U. S. Nat. Herb.* 13: 45, 46. *pl.* 10-14. 21 F 1910.
- Rothrock, J. T.** Balsam fir (*Abies balsamea* Muhl.). *Forest Leaves* 12: 105. F 1910. [Illust.]
- Rothrock, J. T.** White cedar. *Arbor vitae* (*Thuja occidentalis* L.). *Forest Leaves* 12: 105. F 1910. [Illust.]
- Saxton, W. T.** The development of the embryo of *Encephalartos*. *Bot. Gaz.* 49: 14-18. *pl.* 2 + *f.* 18. 22 Ja 1910.
- Schaffner, J. H.** The pteridophytes of Ohio. *Proc. Ohio Acad. Sci.* 5: 265-305. 5 Ja 1910. [Illust.]
- Shattuck, C. H.** The origin of heterospory in *Marsilia*. *Bot. Gaz.* 49: 19-40. *pl.* 3-6. 22 Ja 1910.
- Sheldon, J. L.** *Menyanthes trifoliata* in West Virginia. *Rhodora* 12: 11, 12. 30 Ja 1910.
- Shull, G. H.** Color inheritance in *Lychnis dioica* L. *Am. Nat.* 44: 83-91. F 1910.
- Shull, G. H.** Inheritance of sex in *Lychnis*. *Bot. Gaz.* 49: 110-125. *f.* 1, 2. 16 F 1910.
- Sinnott, E. W.** Foliar gaps in the *Osmundaceae*. *Ann. Bot.* 24: 107-118. *pl.* 11, 12. Ja 1910.
- Squires, W. A.** Camas. *Am. Bot.* 15: 97, 98. [Ja 1910.]
- Starr, A. M.** The microsporophylls of *Ginkgo*. *Bot. Gaz.* 49: 51-54. *pl.* 7. 22 Ja 1910.
- Stickney, M. M., Schaffner, J. H., & Davies, C. A.** Additions to the flora of Cedar Point — III. *Ohio Nat.* 10: 61-63. Ja 1910.
- Sudworth, G. B.** A new cypress for Arizona. *Am. Forestry* 16: 88-90. F 1910.  
*Cupressus glabra.*
- Taylor, N.** Report on a trip to Santo Domingo. *Jour. N. Y. Bot. Gard.* 11: 3-15. *f.* 1-5. Ja 1910.
- Van Pelt, S. S.** Additional notes on the flora of Northampton County [Pa.]. *Bartonia* 2: 1, 2. F 1910.
- Vickers, E. W.** A list of the ferns of Mahoning County with special reference to Mill Creek Park. *Ohio Nat.* 10: 86-88. F 1910.
- Vickers, E. W.** The pinnatifid spleenwort in northeastern Ohio. *Fern Bull.* 18: 4-7. Ja 1910.



- Vinson, A. E.** Fixing and staining tannin in plant tissues with nitrous ethers. *Bot. Gaz.* **49**: 222-224. *f.* 1-8. 15 Mr 1910.
- Vinson, A. E.** The chemical organization of a typical fruit. *Plant World* **13**: 19-21. Ja 1910.
- Waldron, L. R.** A suggestion regarding heavy and light seed grain. *Am. Nat.* **44**: 48-56. Ja 1910.
- Waldron, L. R.** Heredity in populations and in pure lines. *Plant World* **13**: 1-12. *f.* 1-5. Ja 1910.
- Weingart, W.** *Cereus Regelii* Weing. sp. n. *Monats. Kakteenk.* **20**: 33-36. 15 Mr 1910.
- Whitford, H. N.** Studies in the vegetation of the Philippines.—I. The composition and volume of the Dipterocarp forests of the Philippines. *Philipp. Jour. Sci.* **4**: Bot. 699-725. *pl.* 32-38. 10 Ja 1910.
- Wiegand, K. M.** The extension of some ranges in eastern Massachusetts. *Rhodora* **12**: 38, 39. 9 F 1910.
- Wilson, P.** Notes on *Rutaceae* — III. *Bull. Torrey Club* **37**: 85, 86. 5 Mr 1910.  
Includes 9 new combinations in *Zanthoxylum*, and *Amyris Purpusii* sp. nov.
- Wolf, F. A.** A *Fusarium* disease of the pansy. *Mycologia* **2**: 19-22. *pl.* 18. 1 Ja 1910.  
Describes *Fusarium Violae* sp. nov.
- Wootton, E. O.** The larkspurs of New Mexico. *Bull. Torrey Club* **37**: 31-41. 10 F 1910.  
Includes 5 new species.
- Wright, C. H.** *Urceocharis edentata* C. H. Wright. [In *Decades Kewenses* — 55.] *Kew Bull. Misc. Inf.* **1910**: 24. F 1910.  
Native in Peru.
- Wuist, E. D.** The physiological conditions for the development of monoecious prothallia in *Onoclea Struthiopteris*. *Bot. Gaz.* **49**: 216-218. 15 Mr 1910.
- Yamanouchi, S.** Chromosomes in *Osmunda*. *Bot. Gaz.* **49**: 1-12. *pl.* 1. 22 Ja 1910.